Appendix 1. Silviculture prescription template and legislative and regulatory references

SILVICULTURE PRESCRIPTION

FOREST DISTRICT

A. TENURE IDENTIFICATION

LICENCE NO.:	CUTTING PERMIT:	BLOCK NO:	LICENSEE NAME:
TIMBER MARK:	OPENING NUMBER (or mapsheet): (*if available*)		LOCATION:

B. AREA SUMMARY

AREA OF NO PLANNED REFORESTATION (ha) (NPR)									
PERMANENT ACCESS	ROCK	WATER	SWAMP	OTHER NP	NC>4ha	RESERVES WITH NO MODIFICATIONS:	IMMATURE	OTHER (specify)	TOTAL NPR AREA
				OPR Section 39 (3) (f)					

NET AREA TO BE REFORESTED INCLUDING RESERVES WITH MODIFICATIONS (ha)		
SU	SU AREA DESCRIPTION	NET AREA TO BE REFORESTED:
	OPR Section 39 (3) (g)	
	TOTAL NET AREA TO BE REFORESTED:	
	TOTAL AREA UNDER PRESCRIPTION:	

C. OBJECTIVES

C.1 MANAGEMENT OBJECTIVES

MANAGEMENT OBJECTIVES STATED IN THE FDP OR HLP(s): FPC Act Section 12 (a) 1

C.2 CONDITIONS THAT MUST EXIST AFTER HARVEST OR TREATMENT TO ACCOMMODATE FOREST RESOURCES

C.2a WILDLIFE

OPR Section 39 (3)(m) ii, iii

C.2b SENSITIVE AREAS

C.2c FISHERIES

C.2d WATERSHEDS

C.2e RECREATION

C.2f BIOLOGICAL DIVERSITY

C.2g VISUALS

C.2h CULTURAL HERITAGE

FS 39C March 15, 2000

C. OBJECTIVES (CONT.)

C.2i RANGE
C.2j OTHER RESOURCES
CONDITIONS NOT APPLICABLE TO THIS PRESCRIPTION
THE FOLLOWING CONDITIONS WERE CONSIDERED, AND FOUND NOT TO BE APPLICABLE TO THIS PRESCRIPTION:

D. ECOLOGICAL INFORMATION AND SITE CHARACTERISTICS

D.1 ECOLOGY AND CRITICAL SITE CONDITIONS

	BIOGEOCLIMATIC						
SU	STRATUM	ZONE	SUBZONE	VARIANT	PHASE	SITE SERIES	PHASE

OPR Section 39 (3) (a) (i)

SU	CRITICAL SITE CONDITIONS THAT AFFECT THE TIMING OF OPERATIONS, AND HOW THEY AFFECT THE TIMING

OPR Section 39 (3) (e)

E. MANAGEMENT PRACTICES

Information in this section also pertains to FPC Act Section 17 (1-3)

E.1 RIPARIAN MANAGEMENT STRATEGIES

RIPARIAN RESERVE ZONE

RIPARIAN/ LAKE I.D.	RIPARIAN/ LAKE CLASS	HARVESTING Y/N	SU XREF	DESCRIPTION OF THE PURPOSE AND EXTENT OF REMOVAL OR MODIFICATION OF TREES AND ANY RELATED FOREST PRACTICES IN RIPARIAN RESERVE ZONE(S)

OPR Section 39 (4) (b) i, (c) i, ii also refer to Sections 59-60 of the OPR

RIPARIAN MANAGEMENT ZONE

RIPARIAN/ LAKE I.D.	RIPARIAN/ LAKE CLASS	HARVESTING Y/N	SU XREF	MEASURES FOR RIPARIAN OR LAKESHORE MANAGEMENT AREAS INCLUDING: PROTECTING STREAM BANKS (IF THERE IS NO RRZ), MAINTAINING SHADE, AND DEBRIS MANAGEMENT. IF FELLING AND/OR YARDING ACROSS STREAMS, INCLUDE EITHER THE RESIDUAL BASAL AREA OR DENSITY FOR RMZ(S) AND LMZ(S).

OPR Section 39 (5) (a, b)

OPR Section 39 (4) (b) ii, (c) iii

E.2 GULLY MANAGEMENT (COAST)

MEASURES WITH RESPECT TO: DEBRIS MANAGEMENT, PROTECTING GULLY BANKS, MINIMIZING UNDERSTOREY DAMAGE, SEDIMENT AND DEBRIS TRANSPORT POTENTIAL, AND FELLING AND YARDING ACROSS GULLIES (IF APPLICABLE)

OPR Section 39 (6) (a, b, c)

E.3 FOREST HEALTH MANAGEMENT

MEASURES TO REDUCE FOREST HEALTH RISKS

FPC Act Section 17 (3), OPR Section 39 (3) (b)

E.4 COARSE WOODY DEBRIS

MEASURES TO ACCOMMODATE CWD OBJECTIVES, INCLUDING VOLUME AND RANGE OF PIECE SIZES, IF ANY

OPR Section 39 (3) (m) (i)

E. MANAGEMENT PRACTICES (CONT.)

E.5 ARCHAEOLOGICAL SITES

MEASURES TO MANAGE AND CONSERVE ARCHAEOLOGICAL SITES

OPR Section 39 (3) (m) iv

E.6 VEGETATION MANAGEMENT STRATEGIES

LIVESTOCK TO BE USED FOR VEGETATION MANAGEMENT: YES: ☐

OPR Section 39 (3) (n)

F. SOIL CONSERVATION

This section also pertains to FPC Act Sections 12 (a) v, 17 (3)

F.1 SITE DISTURBANCE

	HAZARD RATINGS (*if logging methods other than cable or aerial are proposed*)			SOIL CHARACTERISTICS (*if temporary access structures are proposed*)			
SU	SOIL COMPACTION	SOIL EROSION	SOIL DISPLACEMENT	DEPTH TO UNFAVOURABLE SUBSOIL (cm) MIN(cm)	DEPTH TO UNFAVOURABLE SUBSOIL (cm) MAX(cm)	TYPE OF UNFAVOURABLE SUBSOIL	SEDIMENT DELIVERY RISK (community watershed)

OPR Section 39 (3) (a) ii

OPR Section 39 (3) (a) (iv) (v)

SLOPE INSTABILITY INDICATORS:

OPR Section 39 (3) (a) iii

F.2 SOIL DISTURBANCE LIMITS

OPR Section 39 (3) (h)

MAXIMUM PROPORTION OF TOTAL AREA UNDER THE PRESCRIPTION ALLOWED FOR PERMANENT ACCESS:_____%.

SU	MAXIMUM ALLOWABLE SOIL DISTURBANCE WITHIN THE NET AREA TO REFOREST (%)	MAXIMUM EXTENT TO WHICH SOIL DISTURBANCE LIMITS MAY BE TEMPORARILY EXCEEDED TO CONSTRUCT TEMPORARY ACCESS STRUCTURES (%)

OPR Section 39 (3) (i)

OPR Section 39 (3) (j)

F.3 REHABILITATION TIME FOR TEMPORARY ACCESS STRUCTURES

MAXIMUM ALLOWABLE TIME TO COMPLETE REHAB (MEASURED FROM COMPLETION OF HARVEST):_____.

OPR Section 39 (3) (l)

F.4 EXCAVATED AND BLADED TRAILS

SU	MAX ALLOWABLE HEIGHT OF CUTBANKS (m)	AVERAGE HEIGHT OF CUTBANKS (m)	EQUIPMENT TO BE USED (IF OTHER THAN EXCAVATOR)

OPR Section 39 (3) (k)

G. SILVICULTURAL SYSTEMS

G.1 SILVICULTURAL SYSTEMS

SU	SYSTEM/VARIANT/PHASE

FPC Act Section 12 (a) ii, OPR Section 39 (3) (c)

SELECTION CRITERIA

SU	GROUP SELECTION OPENING SIZE CRITERIA		
	MIN (ha)	MAX (ha)	AVERAGE (ha)

OPR Section 39 (3) (d)

FS 39C March 15, 2000

G. SILVICULTURAL SYSTEMS (CONT.)

SU	COMMENTS
	STAND STRUCTURE AND SITE CONDITION
	LEAVE TREE SPECIES AND FUNCTIONS

FPC Act Section 12 (a) ii, OPR Section 39 (3) (c)

SU	RESIDUAL STAND STRUCTURE (*for single tree selection – delete if not applicable*)								
	dbh CLASS (cm)								
	DENSITY (approx. stems/ha)								

OPR Section 39 (1) (d) ix

H. STOCKING REQUIREMENTS

H.1 ASSESSMENT DATES

SU	REGENERATION DATE (years)	FREE-GROWING ASSESSMENT PERIOD (years)	
		EARLY	LATE

FPC Act Section 70 (1) OPR Section 39 (3) (p, q)

H.2 STOCKING REQUIREMENTS FOR SILVICULTURAL SYSTEMS OTHER THAN SINGLE TREE SELECTION

SU	PREFERRED SPECIES	ACCEPTABLE SPECIES	POST-SPACING DENSITY (stems/ha)		MAX CONIFEROUS (stems/ha)
	SPECIES / MINIMUM HEIGHT (m)	SPECIES / MINIMUM HEIGHT (m)	MIN	MAX	

SU	WELL-SPACED TREES/HA				MINIMUM PRUNING HEIGHT	RESIDUAL STAND STRUCTURE (BA or Density)		HEIGHT RELATIVE TO COMPETITION
	TARGET PREF & ACC	MINIMUM PREF & ACC	MIN PREF	MIN HORIZ DISTANCE	(*delete if not applicable*)	BA (m^2/ha)	DENSITY (stems/ha)	(% or cm)

FPC Act Section 12 (a) iii, OPR Section 39 (1) (a), (b), (c), 39 (3) (o) and 41, also note FPC Act Sections 70-71

FS 39C March 15, 2000

H.3 STOCKING REQUIREMENTS FOR SINGLE TREE SELECTION

SU	LAYER	PREFERRED		ACCEPTABLE		MAX CONIFEROUS (stems/ha)	POST-SPACING DENSITY	
		SPECIES	MINIMUM HEIGHT (m)	SPECIES	MINIMUM HEIGHT (m)		MIN (stems/ha)	MAX (stems/ha)
	MATURE							
	POLE							
	SAPLING							
	REGEN							
	MATURE							
	POLE							
	SAPLING							
	REGEN							

OPR Section 39 (l) (d) (l-viii, x) 39 (3) (o)

SU	LAYER	WELL-SPACED TREES/HA				PLANNED RESIDUAL BASAL AREA (m^2/ha) (sum of mature and pole)	HEIGHT RELATIVE TO COMPETITION (% or cm)
		TARGET PREF & ACC	MINIMUM PREF & ACC	MIN PREF	MIN HORIZ DISTANCE PREF & ACC		
	MATURE						
	POLE						
	SAPLING						
	REGEN						
	MATURE						
	POLE						
	SAPLING						
	REGEN						

SU	OTHER REQUIRED INFORMATION (as per s. 41(2) of the *Forest Practices Code of British Columbia Act*)

FPC Act Section 41 (2)

FS 39C March 15, 2000

I. ADMINISTRATION

<table>
<tr><td colspan="2">PRESCRIPTION PREPARED BY (RPF SIGNATURE AND SEAL):</td></tr>
<tr><td>RPF Name (Printed)

Date: _____ RPF No: _____</td><td>FPC Act Section 12 (d)

RPF Signature and Seal</td></tr>
<tr><td>PRESCRIPTION ATTACHMENTS:</td><td>MAJOR LICENSEE SIGNING AUTHORITY:</td></tr>
<tr><td></td><td>Licence Holder Signing Authority Signature (delete if not applicable)

Licence Holder Signing Authority Name (Printed) (delete if not applicable)

Date: _____</td></tr>
<tr><td>The assessments checked off below are required for the area under this prescription pursuant to the Forest Practices Code and the regulations thereunder, including the operational planning regulation. All of these required assessments were completed to the procedures as specified in the legislation. While the assessments are not part of the prescription, the prescription is consistent with their results and recommendations. This prescription also complies with section 7(4), 8(3) and 8(4) of the Timber Harvesting Practices Regulation, with respect to the prohibition against constructing excavated or bladed trails. The procedures of the Operational Planning Regulation have been followed for any assessments required for providing BEC and soil disturbance information referred to in the OPR section 39(3)(a).

OPR Section 38 (a)

VISUAL IMPACT (__) RIPARIAN (__) TERRAIN STABILITY (__) GULLY (__)

ARCHAEOLOGICAL IMPACT (__) PEST INCIDENCE SURVEY (__)

OTHER (__) DEFINE: _____</td><td>PRESCRIPTION APPROVED BY:

District Manager’s Signature

District Manager’s Name (Printed)

Date: _____

Original Approval Date (if Amended): _____</td></tr>
</table>

FS 39C March 15, 2000